

Texas Exp.

FIFTH TEXAS RANDOM SAMPLE EGG PRODUCTION TEST REPORTS

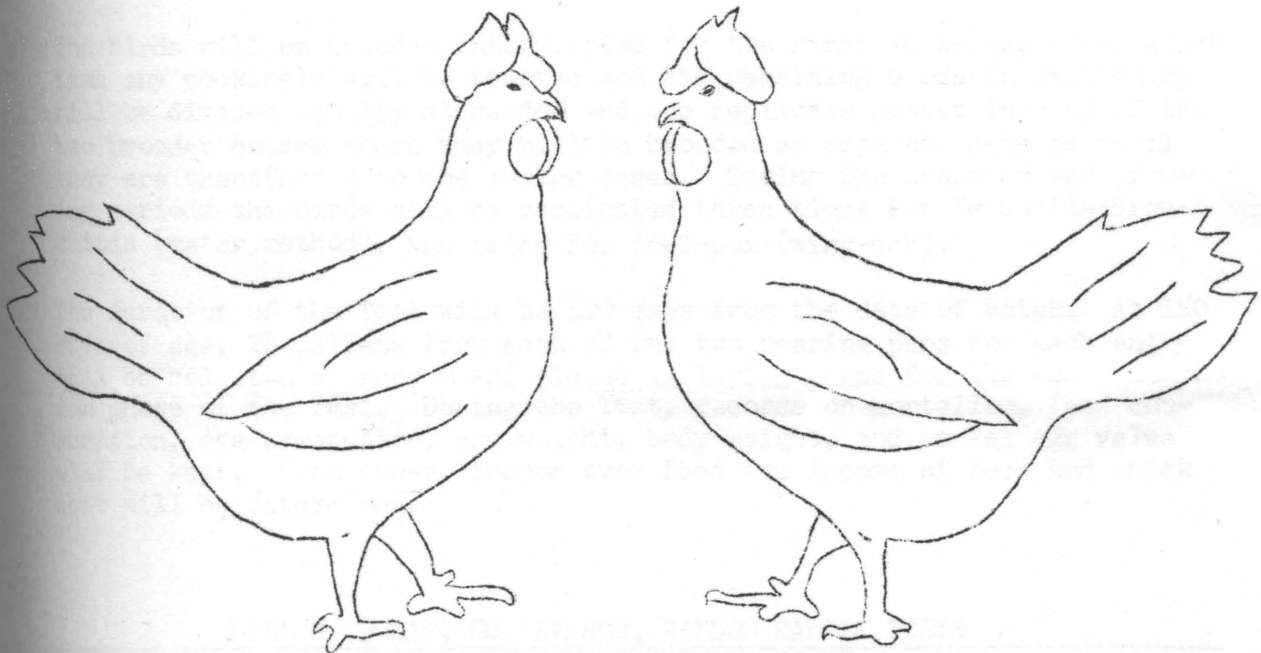
FEBRUARY 25, 1958 - FEB 10, 1958
COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO

MAR 3
1958

TEXAS AGRICULTURAL EXPERIMENT STATION

COOPERATIVE WITH

TEXAS POULTRY IMPROVEMENT ASSOCIATION



BILL H. DORAN, SUPERVISOR, RANDOM SAMPLE TESTS
TEXAS AGRICULTURAL EXPERIMENT STATION

R. D. Lewis, Director, College Station, Texas

FIFTH TEXAS RANDOM SAMPLE EGG PRODUCTION TEST REPORTS

Texas Agricultural Experiment Station
Cooperative With The Texas Poultry Improvement Association

INCUBATION, HATCHABILITY, AND BANDING REPORT

This is the first report for the Fifth Texas Random Sample Egg Production Test. It covers the incubation, hatchability, and wing banding of the thirty entries.

Each participant shipped one case of hatching eggs to the Test site and all eggs were set February 3, 1958 in one incubator. At hatch time all eggs remaining in the trays were broken out and classified as infertile dead first week (D₁), dead second week (D₂), or dead third week (D₃). Ninety sexed pullets, selected at random from the total hatch from each entry, were banded in each wing and 3 chicks from each entry placed under each of the 30 brooders in one of the Random Sample Test brooder houses located at the A & M College Poultry Center, College Station, Texas.

The birds will be brooded intermingled for the first 10 weeks, after which time any cockerels will be removed and the remaining birds in each entry will be divided equally at random and one replicate placed in each of the two brooder houses where they will be brooded as separate entries until they are transferred to the laying cages. During the brooding and growing periods the birds will be vaccinated three times for Newcastle-Bronchitis (water method), and twice for fowl-pox (wing-web).

The duration of the Test will be 500 days from the date of hatch. At 150 days of age, 24 pullets from each of the two rearing pens for each entry will be selected at random and placed in laying cages for the egg production phase of the Test. During the Test, records on mortality, feed consumption, egg production, egg weight, body weight, and market egg value will be kept. From these, income over feed and income of feed and chick cost will be determined.

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HATCHABILITY AND BANDING RECORD

FIFTH TEXAS RANDOM SAMPLE EGG PRODUCTION TEST

Miscellaneous Publication 264A

Hatch Date-Feb. 25, 1958

March, 1958

ENTRY No. BREEDER	NO. EGGS SET	NO. INFER- TILE	% FER- TILITY	NO. D ₁	NO. D ₂	NO. D ₃	TO- TAL	% SALABLE CHICKS OF FERT. EGGS	DEAD & WEAK CHICKS	% SALABLE CHICKS/ ALL EGGS SET	BAND NUMBERS
1 Ames	358	16	95.5	3	15	30	48	84.5	5	79.3	1-90
2 Atwood	359	24	93.3	7	14	41	62	80.3	4	73.8	101-190
3 Cherokee	356	22	93.8	-	12	20	32	89.2	4	82.6	201-290
4 Colonial	359	15	95.8	2	1	27	30	89.0	8	83.0	301-390
5 Colonial	359	12	96.7	1	9	16	26	91.4	4	87.2	401-490
6 Cornell Randombred	360	12	96.7	4	10	11	25	92.0	3	88.1	501-590
7 Creighton	358	35	90.2	9	7	42	58	78.9	10	68.4	601-690
8 D & C	359	39	89.1	4	13	18	35	88.4	2	78.3	701-790
9 DeKalb	360	22	93.9	5	4	44	53	82.0	8	74.7	801-890
10 DeWitt	359	10	97.2	2	14	28	44	86.5	3	83.3	901-990
11 DeWitt	360	13	96.8	6	5	17	28	90.2	6	85.3	1001-1090
12 Eby	359	19	94.7	4	5	16	25	90.6	7	83.8	1101-1190
13 Feather Crest	359	10	97.2	5	5	8	18	93.4	5	89.4	1201-1290
14 Flinn	360	12	96.7	1	8	22	31	90.8	1	87.5	1301-1390
15 Ghostley	357	13	96.4	-	7	25	32	88.1	9	82.4	1401-1490
16 Golden Oak	359	44	87.7	5	5	18	28	90.2	3	78.3	1501-1590
17 Grigsby	358	13	96.4	2	7	15	24	91.0	7	85.8	1601-1690
18 Hall Bros.	360	46	87.2	8	30	66	104	64.6	7	54.4	1701-1790
19 Hy-Line	359	13	96.4	2	3	8	15	94.2	7	89.4	1801-1890
20 Ideal	358	44	87.7	3	5	20	28	89.5	5	77.1	1901-1990
21 Kazmeier- Sherrill	360	7	98.1	8	2	4	14	95.5	2	93.1	2001-2090
22 Kimber	352	17	95.2	8	5	17	30	90.1	3	84.9	2101-2190
23 Raymond McD	359	19	94.7	5	11	19	35	88.5	4	82.7	2201-2290
24 Roy McD.	358	58	83.8	7	9	42	58	78.7	6	64.2	2301-2390
25 Rucker	357	82	77.0	3	10	28	41	82.5	7	61.6	2401-2490
26 Swift	359	39	89.1	14	7	65	86	70.3	9	60.2	2501-2590
27 Vance	358	13	96.4	1	8	18	27	90.4	6	85.5	2601-2690
28 Western	358	28	92.2	5	9	21	35	87.6	6	79.1	2701-2790
29 Williams	359	8	97.8	3	5	7	15	93.4	8	90.0	2801-2890
30 Wilson	358	29	91.9	7	9	17	33	88.4	5	79.9	2901-2990

Entry Av. 358.5 24.5 93.2 4.5 8.5 24.3 37.3 87.2 5.5 81.3

FIFTH TEXAS RANDOM SAMPLE EGG PRODUCTION TEST
COLLEGE STATION, TEXAS

ENTRANT'S NAME, ADDRESS, AND TYPE OF ENTRY

ENTRY NO.	Entrant's Name, Address, and Type of Entry	CHICK Price
1	Ames In-Cross Farms, 504½ Grand Ave., Des Moines, Iowa, IBX, Ames #424	.600
2	Atwood Hatchery, Comanche, Tex., W. L., H & N Nick Chick	.460
3	Cherokee Hatchery, Inc., RFD 1, Box 213, Tyler, Tex., W.L., Honegger Layers	.460
4	Colonial Poultry Farms, Pleasant Hill, Mo., W.L. True-Line #365	.449
5	Colonial Poultry Farms, Sweetwater, Tex., Str. Cross W. L.	.429
6	Cornell Randombred, Cornell University, Ithaca, N. Y., Randombred	.450
7	Creighton Bros., Warsaw, Indiana, Str. Cross W.L., C B Leghorn	.460
8	D & G Hatchery, Hamilton, Tex., Str. Cross W.L., H-3-W	.410
9	DeKalb Agri. Assn., Inc., Sycamore, Illinois, IBX, DeKalb #131	.600
10	DeWitt's Texas Hatchery, Inc., Nacogdoches, Tex., W. L.	.470
11	DeWitt's Texas Hatchery, Inc., Waxahachie, Tex., W. L.	.470
12	Eby's Poultry Farm, Carrollton, Tex., Str. Cross W. L.	.350
13	Feather Crest Hatchery, Arlington, Tex., IBX, DeKalb #101	.600
14	Flinn's Hatchery, Box 7171, San Antonio, Tex., W.L., Honegger Layers	.460
15	Ghostley's Poultry Farm, Anoka, Minn., Str. Cross W. L.	.460
16	Golden Oak Hatchery, DeLeon, Tex., Str. Cross W. L. H-3-W	.410
17	Grigsby's Hatchery, Georgetown, Tex., IBX, DeKalb #101	.600
18	Hall Bros. Hatchery, Wallingford, Conn., Str. Cross W. L.	.460
19	Hy-Line Poultry Farms, 1206 Mulberry St., Des Moines, Iowa, IBX, Hy-Line #934C	.620
20	Ideal Hatchery & Poultry Farm, Cameron, Tex., Str. Cross W. L., H-3-W	.410
21	Kazmeier-Sherrill Hatchery, Inc., Bryan, Tex., IBX, Hy-Line #934C	.620
22	Kimber Farms, Inc., Box 8, Niles, Calif., W. L., K-137	.480
23	Raymond McDonald Hatchery, Box 1665, Ft. Worth, Tex., Pure Str. W. L.	.359
24	Roy McDonald Hatchery, Box 4275, Dallas, Tex., Str. Cross W. L.	.359
25	Rucker's Poultry Farm, Box 457, Ottumwa, Iowa, Str. Cross W. L.	.495
26	Swift Hatchery, Taylor, Tex., Str. Cross W. L., Sky-Hi #316	.450
27	Vance Hatchery, Shallowater, Tex., W. L., H&N Nick Chick	.460
28	Western Hatcheries, 1407 N. Industrial Blvd., Dallas, Tex., W. L., K-137	.480
29	Williams Poultry Farm, Denison, Tex., W. L., H&N Nick Chick	.460
30	Wilson Poultry Farm & Hatchery, Clyde, Tex., IBX, Hy-Line #934C	.620